

REMARKS

The above amendments to the specification reflect the updated Sequence Listing, attached herewith, containing sequences found in the body of the original specification. Support in the disclosure for these sequences can be found in the specification on pp. 27, lines 24-36; 28, lines 35-40; 30, lines 10-20 and 33, lines 10-11. Please see the attached replacement Sequence Listing, which replaces that shown on separate pages 1-20 of the original specification.

The original specification has been amended to include the sequence identification numbers where these are appropriate to aid in the identification of the nucleic acid sequences to which reference is made.

Please note that the underlined material in the amended portion of page 30 was originally filed with underlining. The "clean" version of the amendments, therefore, contain underlining which does not indicate added material.

Applicants respectfully submit that the amendments to the specification as a whole contain no new matter. The sequence listing information recorded in computer readable form is identical to the written sequence listing as submitted with this response. It is believed that by submitting the present amendment and the sequence listing diskette, the application now fully complies with the requirements of 37 CFR §§ 1.821-1.825. Favorable action is solicited.

Please charge any shortage in fees due in connection with the filing of this paper, including Extension of Time fees to Deposit Account No. 11-0345. Please credit

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any excess fees to such account.

Respectfully submitted,

KEIL & WEINKAUF

A handwritten signature in black ink, appearing to read 'H B Keil', written in a cursive style.

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION

Please amend page 27, lines 24-36, as follows:

Primer A: 5' - TGG TGG AA(A/G) TGG A(A/C)I CA(C/T) AA - 3' (SEQ ID NO:13)
forward primer, deduced from the amino acid sequence WWKW (N/T/K)
H(N/K)

Primer B: 5' - (T/G)GI TGG AA(A/G) (T/G) (G/A)I (A/C)AI CA(C/T) AA - 3' (SEQ ID NO:14) forward primer, deduced from the amino acid sequence
(G/W) WK (E/D/W) (N/Q/K)H(N/K)

Primer C: 5' - AT (A/T/G/C)T(T/G) (A/T/G/C)GG (A/G)AA (A/T/G/C)A(A/G)
(A/G)TG (A/G)TG - 3' (SEQ ID NO: 15), reverse primer, deduced from
the amino acid sequence (I/M) (H/Q/N) PF (L/F) HH

Please amend page 28, lines 36-39, as follows:

Specific forward and reverse primers:

Cer1: 5' - CGAATGAGTGCACGAAC - 3' (SEQ ID NO: 16) +
5' - AATAACCTGGGCTCTCAC - 3' (SEQ ID NO: 17)

Cer3: 5' - ATGAGGATATTGATACTCTC - 3' (SEQ ID NO: 18) +
5' - GCAATCTGGGCATTCACG - 3' (SEQ ID NO: 19)

Cer16: 5' - GACATCAAAGCTCTTCTC - 3' (SEQ ID NO: 20) +
5' - GGCGATGAGAAAGTGGTTC - 3' (SEQ ID NO: 21)

Please amend page 30, lines 10-20, as follows:

Cer1: 5' - CC GGTACC ATG GCC CTC GTT ACC GAC - 3' (SEQ ID NO: 22) +

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5' - CC GAATTC **TTA** GTG AGC GTG AAG CCG - 3' (SEQ ID NO: 23)

Cer3: 5' - CC GGTACC **ATG** GTG TCC CAG GGC GGC - 3' (SEQ ID NO: 24) +

5' - CC GAATTC **TCA** ACT CGC AGC AAG CTG - 3' (SEQ ID NO: 25)

The following primers derived from Cer 1 were adapted for expression in yeast:

5' primer: 5' - AAAAGGATCCAAAATGGCCCTCGTTACCGAC - 3' (SEQ ID NO: 26)

3' primer: 5' - AAAAGTCGACTTAGTGAGCGTGAAGCC - 3' (SEQ ID NO: 27)

Please amend page 33, lines 10-12, as follows:

5'-GTCGACCCGCGGACTAGTGGGCCCTCTAGACCCGGGGGATCCGGATCTGCTGGCTATGAA - 3') (SEQ ID NO: 28).

Replace the sequence listing on pages 1-20 of the specification with pages 1-21 attached hereto.